



**PURCHASING ITEM
FOR
COUNCIL AGENDA
Memo No. CA08-045**

1. Agenda Item Number:

31

2. Council Meeting Date:

September 6, 2007

TO: MAYOR & COUNCIL

3. Date Prepared: August 22, 2007

THROUGH: CITY MANAGER

4. Requesting Department: Public Works

5. SUBJECT: Award a construction contract to ITS Engineers & Constructors for Traffic Signals at Pecos Road/Emmett Drive and Ocotillo Road/Basha Road, Project No. ST0619-401, and Traffic Signal at Riggs Road/Emmett Drive, Project No. ST0620-401, in an amount not to exceed \$467,570.

6. RECOMMENDATION: Staff recommends that Council award a construction contract to ITS Engineers & Constructors for Traffic Signals at Pecos Road/Emmett Drive and Ocotillo Road/Basha Road, Project No. ST0619-401, and Traffic Signal at Riggs Road/Emmett Drive, Project No. ST0620-401, in an amount not to exceed \$467,570.

7. BACKGROUND/DISCUSSION: The intersections of Pecos Road and Emmett Drive, Ocotillo Road and Basha Road, and Riggs Road and Emmett Drive require new signals to handle the increase in traffic volume created by new commercial and residential developments. The three traffic signal installations were designed by two separate consultants, but were bid together to maximize economies of scale.

Traffic engineering staff has determined that the City can typically obtain traffic signal poles and mast arms at a lower price when purchasing directly from the manufacturer. Therefore, this project will utilize City-supplied poles and arms instead of paying the contractor to provide these components. Construction is slated to begin in October 2007 and is expected to last about three months.

8. EVALUATION: On August 15, 2007, five (5) bids were received and opened on August 16, 2007 with the result as follows:

ITS Engineers & Constructors	\$467,570.00
Contractors West, Inc.	\$467,790.50
AJP Electric, Inc.	\$471,280.00
Arizona Traffic Signal	\$507,525.50
Utility Construction Company, Inc.	\$647,460.00

The engineer's estimate was \$509,935. The total contract time is ninety (90) calendar days. City staff will provide construction inspections.

9. FINANCIAL IMPLICATIONS:

Cost: \$467,570.00
 Savings: N/A
 Long Term Costs: \$3,500 (per signal, annual maintenance, and operating expense)
 Fund Source:

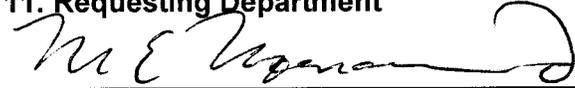
<u>Acct. No.:</u>	<u>Fund Name:</u>	<u>Program Name:</u>	<u>CIP Funded:</u>	<u>Amount:</u>
415.3310.0000.6516.7ST322	Arterial Street Impact Fees	New Traffic Signals	FY06/07	\$361,913
415.3310.0000.6516.8ST322	Arterial Street Impact Fees	New Traffic Signals	FY07/08	\$105,657

10. PROPOSED MOTION: Move that Council award a construction contract to ITS Engineers & Constructors for Traffic Signals at Pecos Road/Emmett Drive and Ocotillo Road/Basha Road, Project No. ST0619-401, and Traffic Signal at Riggs Road/Emmett Drive, Project No. ST0620-401, in an amount not to exceed \$467,570, and authorize the Mayor to sign the contract documents.

ATTACHMENTS: Location Map

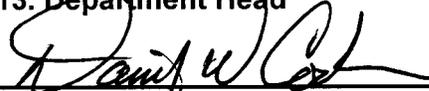
APPROVALS

11. Requesting Department



Mike Normand, Acting Assistant Public Works
Director/Transportation and Operations

13. Department Head



Daniel W. Cobb, Acting Public Works Director

12. City Engineer



Sheina Hughes, Acting Assistant Public Works
Director/City Engineer

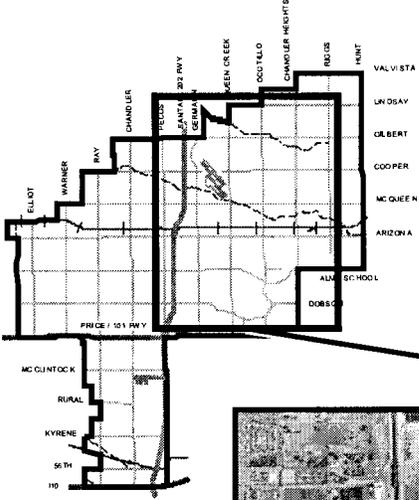
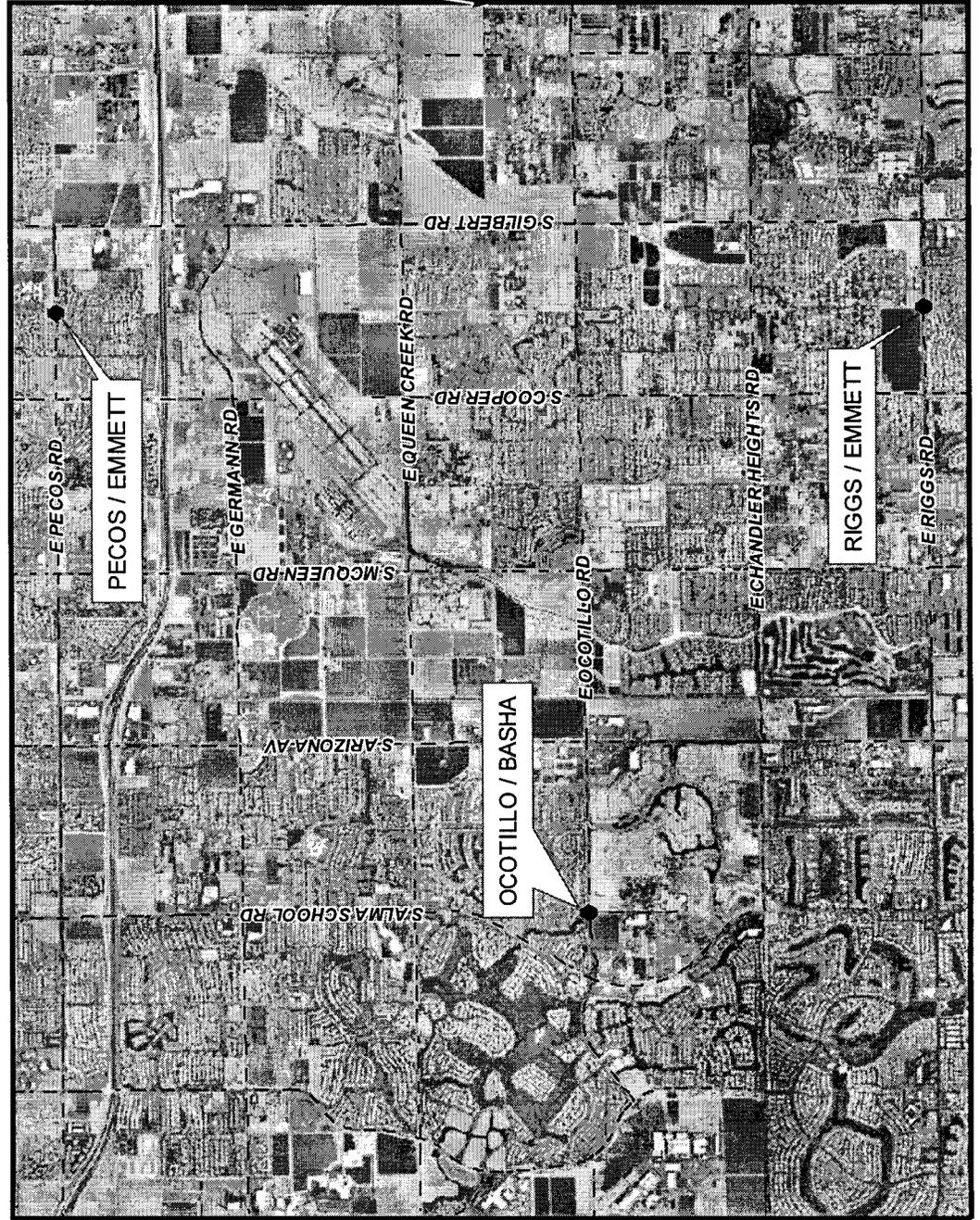
14. City Manager



W. Mark Pentz



TRAFFIC SIGNAL INSTALLATIONS PROJECT NO.'S ST0619-401 & ST0620-401



MEMO NO. CA08-045

LEGEND

- NEW TRAFFIC SIGNALS

